StarBridge
A Switched Fabric Technology Company

RapidExpress

SWITCH

8-Port RapidIO Gen2 Switch Box

[SRES01]

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【 User's Guide】

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1. Introduction

RapidExpress SWITCH box is 8-port SerialRapidIO packet switching unit supports up to 6.25Gbaud links.

【Features】

- ◆ 8-port SerialRapidIO Gen2 switch
- ◆Link status LED
- ◆ Startup operation can be modified by CPS-1432 boot EEPROM and function switch
- ◆ RapidFET-JTAG compatible use port

2. Agency Compliance

This product is designed and manufactured to meet following directives.

RoHS

CE

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3. Hardware Specification

【Mechanical】

項目	内容
Dimension	290(W) ×141(D) ×48(H) mm

【Operational Environment】

項目	内容
Power	DC +12V±8%
Temperature	+5℃ to +45℃
Humidity	RH 5% to 95% (without condensation)

【SerialRapidIO Interface】

項目	内容
RIO Specification	RapidIO Interconnect Specification Revision 2.1
Ports	8 ports
Lane speed	6.25, 5.0, 3.125, 2.5, or 1.25GBaud
Lanes	4 lanes
Connector	SFF-8436 QSFP+
QSFP Module power	+3.3V±5%, 500mAMax Hot insertion does not support for optical module

【Others】

項目	内容
Status display	QSFP IntL RapidIO link status Power status
Function switch	SRIO lane speed
USB connector	RapidFET-JTAG Compatible port Supports FTDI driver v2.08.14 or later, DO NOT use earlier version
AC adapter	Input: 90 to 264VAC Output: +12VDC 2A

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